



Index of Claims 	Application/Control No. 09631101	Applicant(s)/Patent Under Reexamination GUNN ET AL.
	Examiner Blackwell, James H	Art Unit 2176

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

☐ Claims renumbered in the same order as presented by applicant
 ☐ CPA
 ☐ T.D.
 ☐ R.1.47

CLAIM		DATE								
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007		
1	1	✓	+	✓	✓	✓	✓	=		
2	2	✓	+	✓	✓	✓	✓	=		
6	3	✓	+	✓	✓	✓	O	=		
7	4	✓	+	✓	✓	✓	✓	=		
8	5	✓	+	✓	✓	✓	✓	=		
9	6	✓	+	✓	✓	✓	O	=		
10	7	✓	+	✓	✓	✓	✓	=		
11	8	✓	+	✓	✓	✓	✓	=		
12	9	✓	+	✓	✓	✓	✓	=		
	10	✓	+	✓	✓	✓	O	-		
3	11	✓	+	✓	✓	✓	O	=		
4	12	✓	+	✓	✓	✓	✓	=		
5	13	✓	+	✓	✓	✓	O	=		
13	14	✓	+	✓	✓	✓	✓	=		
14	15	✓	+	✓	✓	✓	✓	=		
15	16	✓	+	✓	✓	✓	✓	=		
16	17	✓	+	✓	✓	✓	✓	=		
17	18	✓	+	✓	✓	✓	✓	=		
18	19	✓	+	✓	✓	✓	✓	=		
19	20	✓	+	✓	✓	✓	✓	=		
20	21	✓	+	✓	✓	✓	✓	=		
21	22	✓	+	✓	✓	✓	✓	=		
29	23	✓	+	✓	✓	✓	✓	=		
30	24	✓	+	✓	✓	✓	✓	=		
31	25	✓	+	✓	✓	✓	✓	=		
32	26	✓	+	✓	✓	✓	O	=		
22	27	✓	+	✓	✓	✓	O	=		
23	28	✓	+	✓	✓	✓	O	=		
24	29	✓	+	✓	✓	✓	O	=		
33	30	✓	+	✓	✓	✓	✓	=		
34	31	✓	+	✓	✓	✓	O	=		
35	32	✓	+	✓	✓	✓	✓	=		
36	33	✓	+	✓	✓	✓	✓	=		
25	34	✓	+	✓	✓	✓	✓	=		
26	35	✓	+	✓	✓	✓	O	=		
27	36	✓	+	✓	✓	✓	O	=		

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CLAIM		DATE									
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007			
28	37	O	+	✓	✓	✓	O	=			
37	38	✓	+	✓	✓	✓	✓	=			
38	39	✓	+	✓	✓	✓	✓	=			
39	40	✓	+	✓	✓	✓	✓	=			
40	41	✓	+	✓	✓	✓	✓	=			
41	42	✓	+	✓	✓	✓	O	=			
42	43	✓	+	✓	✓	✓	O	=			
43	44	✓	+	✓	✓	✓	O	=			
44	45	✓	+	✓	✓	✓	O	=			
45	46	✓	+	✓	✓	✓	✓	=			
48	47	✓	+	✓	✓	✓	✓	=			
49	48	✓	+	✓	✓	✓	✓	=			
50	49	✓	+	✓	✓	✓	✓	=			
51	50	✓	+	✓	✓	✓	✓	=			
52	51	✓	+	✓	✓	✓	✓	=			
53	52	✓	+	✓	✓	✓	✓	=			
54	53	✓	+	✓	✓	✓	✓	=			
55	54	✓	+	✓	✓	✓	✓	=			
56	55	✓	+	✓	✓	✓	✓	=			
57	56	✓	+	✓	✓	✓	✓	=			
	57	✓	+	-	-	-	-	-			
	58	✓	-	-	-	-	-	-			
	59	✓	-	-	-	-	-	-			
	60	✓	-	-	-	-	-	-			
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	62	✓	-	-	-	-	-	-			
	63	✓	-	-	-	-	-	-			
	64	✓	-	-	-	-	-	-			
	65	✓	-	-	-	-	-	-			
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	67	✓	-	-	-	-	-	-			
	68	✓	-	-	-	-	-	-			
	69	✓	-	-	-	-	-	-			
	70	✓	+	N	N	N	N	N			
	71	✓	+	N	N	N	N	N			
	72	✓	+	N	N	N	N	N			

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CLAIM		DATE								
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007		
	73	✓	+	N	N	N	N	N		
	74	✓	+	N	N	N	N	N		
	75	✓	+	N	N	N	N	N		
	76	✓	+	N	N	N	N	N		
	77	✓	+	N	N	N	N	N		
	78	✓	+	N	N	N	N	N		
	79	✓	+	N	N	N	N	N		
	80	✓	+	N	N	N	N	N		
	81	✓	+	N	N	N	N	N		
	82	✓	-	-	-	-	-	-		
60	83	✓	+	✓	✓	✓	✓	=		
62	84	✓	+	✓	✓	✓	✓	=		
	85	✓	+	✓	✓	✓	✓	-		
	86	✓	+	N	N	N	N	N		
	87	✓	+	N	N	N	N	N		
	88	✓	+	N	N	N	N	N		
	89	✓	+	N	N	N	N	N		
	90	✓	-	-	-	-	-	-		
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	92	✓	+	N	N	N	N	N		
	93		+	N	N	N	N	N		
	94		+	N	N	N	N	N		
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67	99		+	✓	✓	✓	=	=		
68	100		+	✓	✓	✓	=	=		
69	101		+	✓	✓	✓	=	=		
70	102		+	✓	✓	✓	=	=		
71	103		+	✓	✓	✓	=	=		
72	104		+	✓	✓	✓	=	=		
46	105		+	✓	✓	✓	✓	=		
58	106		+	✓	✓	✓	✓	=		
	107		+	N	N	N	N	N		
	108		+	N	N	N	N	N		

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CLAIM		DATE							
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007	
	109		+	N	N	N	N	N	
	110		+	N	N	N	N	N	
	111		+	N	N	N	N	N	
	112		+	N	N	N	N	N	
	113		+	N	N	N	N	N	
	114		+	N	N	N	N	N	
	115		+	N	N	N	N	N	
	116		+	N	N	N	N	N	
	117		+	N	N	N	N	N	
	118		+	N	N	N	N	N	
	119		+	N	N	N	N	N	
	120		+	N	N	N	N	N	
	121		+	N	N	N	N	N	
	122		+	N	N	N	N	N	
	123		+	N	N	N	N	N	
	124		+	N	N	N	N	N	
	125		+	N	N	N	N	N	
	126		+	N	N	N	N	N	
	127		+	N	N	N	N	N	
	128		+	N	N	N	N	N	
	129		+	N	N	N	N	N	
	130		+	✓	✓	✓	O	-	
47	131		+	✓	✓	✓	O	=	
	132		+	✓	✓	✓	O	-	
59	133		+	✓	✓	✓	O	=	
	134		+	N	N	N	N	N	
	135		+	N	N	N	N	N	
	136		+	✓	✓	✓	O	-	
61	137		+	✓	✓	✓	O	=	
	138		+	✓	✓	✓	O	-	
63	139		+	✓	✓	✓	O	=	
	140		+	N	N	N	N	N	
	141		+	N	N	N	N	N	
73	142			✓	✓	✓	=	=	
74	143			✓	✓	✓	=	=	
75	144			✓	✓	✓	=	=	

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CLAIM		DATE									
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007			
77	145			✓	✓	✓	=	=			
81	146			✓	✓	✓	=	=			
82	147			✓	✓	✓	=	=			
83	148			✓	✓	✓	=	=			
84	149			✓	✓	✓	=	=			
85	150			✓	✓	✓	=	=			
86	151			✓	✓	✓	=	=			
87	152			✓	✓	✓	=	=			
88	153			✓	✓	✓	=	=			
89	154			✓	✓	✓	=	=			
90	155			✓	✓	✓	✓	=			
	156			✓	✓	✓	O	-			
91	157			✓	✓	✓	O	=			
92	158			✓	✓	✓	O	=			
93	159			✓	✓	✓	O	=			
	160			✓	✓	✓	✓	-			
94	161			✓	✓	✓	✓	=			
95	162			✓	✓	✓	✓	=			
96	163			✓	✓	✓	✓	=			
97	164			✓	✓	✓	✓	=			
98	165			✓	✓	✓	✓	=			
99	166			✓	✓	✓	O	=			
100	167			✓	✓	✓	✓	=			
101	168			✓	✓	✓	✓	=			
	169			✓	✓	✓	✓	-			
	170			✓	✓	✓	✓	-			
102	171			✓	✓	✓	✓	=			
103	172			✓	✓	✓	✓	=			
104	173			✓	✓	✓	✓	=			
105	174			✓	✓	✓	✓	=			
106	175			✓	✓	✓	O	=			
107	176			✓	✓	✓	✓	=			
108	177			✓	✓	✓	✓	=			
109	178			✓	✓	✓	✓	=			
110	179			✓	✓	✓	✓	=			
111	180			✓	✓	✓	✓	=			

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CLAIM		DATE									
Final	Original	01/08/2004	01/10/2005	06/09/2005	03/09/2006	12/13/2006	05/29/2007	07/26/2007			
112	181			✓	✓	✓	O	=			
113	182			✓	✓	✓	O	=			
114	183			✓	✓	✓	O	=			
115	184			✓	✓	✓	O	=			
80	185			✓	✓	✓	=	=			
79	186			✓	✓	✓	=	=			
76	187			✓	✓	✓	=	=			
78	188			✓	✓	✓	=	=			
116	189			✓	✓	✓	✓	=			